

Attorney's Docket No. 23600.00501 - PATENT

2631
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

12-20-01

In the application of:
Raul Asia et al.

Examiner: Not yet assigned

Group Art Unit: Not yet assigned

For: OFFSET CARRIER FREQUENCY
CORRECTION IN A TWO-WAY
BROADBAND WIRELESS ACCESS
SYSTEM

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Serial No. 09/771,200

Filed: January 26, 2001

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
Washington, D.C. 20231

Sir:

Applicant submits herewith patents, publications or other information (listed on the attached Form PTO/SB/08A) of which Applicant is aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56. The majority of these references were cited in communications from a foreign patent office in counterpart foreign applications more than three months prior to the filing of this Information Disclosure Statement, but prior to receipt of the first Office Action on the merits of the subject application.

In accordance with 37 CFR § 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in this statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b).

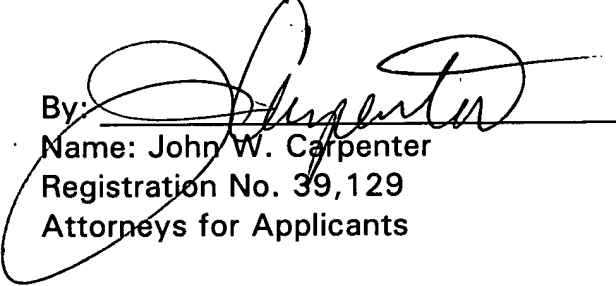
In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR § 1.98 and MPEP § 609 and the Examiner is respectfully requested to consider the listed references.

No fee is believed to be due, however, the Commissioner is hereby authorized to charge any additional fees (or credit any overpayment) associated with this communication and which may be required under 37 CFR § 1.16 or §1.17 to Deposit Account No. 03-3821, referencing Attorney Docket No. 23600.00501. A duplicate sheet is attached.

Respectfully submitted,

Crosby, Heafey, Roach & May
Professional Corporation

Dated: December 3, 2001

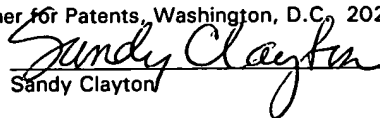
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CERTIFICATE OF MAILING - 37 C.F.R. § 1.08

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on December 3, 2001.

December 3, 2001
Date


Sandy Clayton

Substitute for Form PTO-1449

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 4

Complete if known

Application Number	09/771,200
Filing Date	January 26, 2001
First Named Inventor	Raul Asia et al.
Group Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	23600.00501

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	4,010,465		Dodgington, et al	03/01/1977	
	A2	4,099,121		Fang	07/04/1978	
	A3	4,385,384		Rosbury et al.	05/24/1983	
	A4	5,052,024		Moran, III et al.	09/24/1991	
	A5	5,272,700		Hansen et al.	12/21/1993	
	A6	5,311,550		Fouche, et al	05/10/1994	
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	B1	EP	0021 544 A1		Nuhoff	01/07/1981		
	B2	EP	0025 767 A1		Gregoire et al.	03/25/1981		✓
	B3	CA	2,187,141		Vallee et al.	04/04/1998		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ³
	C1	Golestani, S. (1995) "Network Delay Analysis of a Class of Fair Queueing Algorithms", <i>IEEE Journal on Selected Areas in Communication</i> 13(6):1057-1070	
	C2	Stiliadis, D. et al. (1998) "Rate-Proportional Servers: A Design Methodology for Fair Queueing Algorithms", <i>IEEE/ACM Transactions of Networking</i> 6(2):164-174	
	C3	Stiliadis, D. et al. (1998) "Efficient Fair Queueing Algorithms for Packet-Switched Networks", <i>IEEE/ACM Transactions of Networking</i> 6(2):175-185	
	C4	Data Over Cable Interface Specifications, Cable Modem Termination System-Network Side Interface Specification, SP-CMTS-NSII01-960702 (July 2, 1996) pp. i-13	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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Sheets 2 of 4

Application Number 09/771,200
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		Number	Kind Code ² (if known)			
	A13	5,510,859		Douglass, et al	04/23/1996	
	A14	5,557,612		Bingham	09/17/1996	
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	A20	5,666,646		McCollum et al.	09/09/1997	
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	C5	Data-Over-Cable Service Interface Specifications, Cable Modem to Customer Premise Equipment Interface Specification. SP-CMC1-102-980317 (March 17, 1998) pp. i-40	
	C6	Data-Over-Cable Service Interface Specifications, Radio Frequency Interface Specification, SP-RFI-104-980724 (July 24, 1998) pp. i-196	
	C7	Data-Over-Cable Service Interface Specifications, Operations Support System Interface Specification SP-OSSI-102-990113 (January 13, 1999) pp. i-14	
	C8	Data-Over-Cable Service Interface Specifications, Operations Support System Interface Specification Radio Frequency Interface, SP-OSSI-RFI-103-990113 (January 13, 1999) pp. i-29	

Examiner Signature	Date Considered
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Sheet 3 of 4

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Filing Date	January 26, 2001
First Named Inventor	Raul Asia et al.
Group Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	23600.00501

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		Number	Kind Code ² (if known)			
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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	C9	Data-Over-Cable Service Interface Specifications, Baseline Privacy Interface Specification, SP-BPI-102-990319 (March 19, 1999) pp. i-88	
	C10	Data-Over-Cable Service Interface Specifications, Baseline Privacy Interface Specification, SP-BPI-102-990731 (July 31, 1999) pp. i-160	

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		Number	Kind Code ² (if known)			
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	A47	6,075,787		Bobbeck et al.	06/13/2000	
	A48	6,111,887		Daily et al.	08/29/2000	
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	A51	6,140,911		Fisher et al.	10/31/2000	
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	A53	6,157,311		Berkovich	12/05/2000	
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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	C11	Data-Over-Cable Service Interface Specifications, Radio Frequency Interface Specification, SP-RFiv1.1-I03-991105 (November 5, 1999) pp. i-366	
	C12	Data-Over-Cable Service Interface Specifications, Operations Support System Interface Specification SP-OSSiv1.1-D01-991115 (November 15, 1999) pp. i-81	
	C13	Data-Over-Cable Service Interface Specifications, Operations Support System Interface Specification SP-OSSiv1.1-103-001220 (December 20, 2000) p. ii	

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